

Appendix H: Impervious Cover by Land Use

APPENDIX H - SUBWATERSHED IMPERVIOUS COVER BY LAND USE

Land Use	Aptakisic Creek					
	0-9% Impervious Cover		10-29% Impervious Cover		30-100% Impervious Cover	
	Acres	% Area	Acres	% Area	Acres	% Area
Agricultural Land	97.36	2.23%	24.80	0.57%	45.32	1.04%
Commercial and Services	1.29	0.03%	13.75	0.31%	153.43	3.51%
Forest, Grassland, And Wetlands	60.19	1.38%	80.59	1.84%	92.96	2.13%
Industrial, Warehousing, And Wholesale	8.83	0.20%	29.95	0.68%	539.00	12.32%
Institutional	14.83	0.34%	22.86	0.52%	68.40	1.56%
Open Space	143.69	3.28%	216.14	4.94%	95.29	2.18%
Residential	103.88	2.37%	410.82	9.39%	1,059.16	24.21%
Transportation, Communication, and Utilities	57.50	1.31%	153.02	3.50%	691.46	15.81%
Overall Impervious Cover	487.56	11.15%	951.92	21.76%	2,745.01	62.75%

Land Use	Buffalo Creek					
	0-9% Impervious Cover		10-29% Impervious Cover		30-100% Impervious Cover	
	Acres	% Area	Acres	% Area	Acres	% Area
Agricultural Land	269.82	1.55%	121.48	0.70%	88.93	0.51%
Commercial and Services	12.70	0.07%	68.87	0.40%	983.64	5.66%
Forest, Grassland, And Wetlands	655.14	3.77%	381.78	2.20%	203.32	1.17%
Industrial, Warehousing, And Wholesale	6.80	0.04%	53.04	0.30%	661.98	3.81%
Institutional	42.94	0.25%	109.66	0.63%	341.79	1.97%
Open Space	1,263.63	7.27%	565.57	3.25%	262.40	1.51%
Residential	952.90	5.48%	2,466.64	14.18%	4,365.35	25.10%
Transportation, Communication, and Utilities	56.13	0.32%	416.55	2.39%	2,345.38	13.48%
Overall Impervious Cover	3,260.05	18.74%	4,183.57	24.05%	9,252.78	53.20%

Land Use	Bull Creek					
	0-9% Impervious Cover		10-29% Impervious Cover		30-100% Impervious Cover	
	Acres	% Area	Acres	% Area	Acres	% Area
Agricultural Land	513.19	7.19%	75.17	1.05%	153.37	2.15%
Commercial and Services	2.34	0.03%	8.41	0.12%	143.92	2.02%
Forest, Grassland, And Wetlands	688.46	9.65%	192.51	2.70%	160.16	2.24%
Industrial, Warehousing, And Wholesale	5.66	0.08%	9.04	0.13%	300.77	4.21%
Institutional	66.68	0.93%	71.51	1.00%	153.96	2.16%
Open Space	1,065.64	14.93%	333.58	4.67%	171.27	2.40%
Residential	196.53	2.75%	635.16	8.90%	773.04	10.83%
Transportation, Communication, and Utilities	161.80	2.27%	181.62	2.54%	669.92	9.39%
Overall Impervious Cover	2,700.31	37.84%	1,506.99	21.12%	2,526.41	35.40%

Land Use	Bull's Brook					
	0-9% Impervious Cover		10-29% Impervious Cover		30-100% Impervious Cover	
	Acres	% Area	Acres	% Area	Acres	% Area
Agricultural Land	193.51	10.65%	4.41	0.24%	4.28	0.24%
Commercial and Services	0.04	0.00%	0.04	0.00%	11.62	0.64%
Forest, Grassland, And Wetlands	257.90	14.20%	13.73	0.76%	16.17	0.89%
Industrial, Warehousing, And Wholesale		0.00%		0.00%		0.00%
Institutional	5.01	0.28%	1.87	0.10%	3.81	0.21%
Open Space	679.77	37.42%	84.78	4.67%	41.67	2.29%
Residential	70.22	3.87%	101.70	5.60%	83.97	4.62%
Transportation, Communication, and Utilities	24.33	1.34%	27.46	1.51%	88.02	4.84%
Overall Impervious Cover	1,230.79	67.74%	234.00	12.88%	249.55	13.74%

Land Use	Indian Creek					
	0-9% Impervious Cover		10-29% Impervious Cover		30-100% Impervious Cover	
	Acres	% Area	Acres	% Area	Acres	% Area
Agricultural Land	2,682.38	11.11%	448.41	1.86%	300.05	1.24%
Commercial and Services	23.67	0.10%	68.98	0.29%	728.66	3.02%
Forest, Grassland, And Wetlands	1,670.63	6.92%	1,039.29	4.30%	702.82	2.91%
Industrial, Warehousing, And Wholesale	4.43	0.02%	50.28	0.21%	792.03	3.28%
Institutional	109.95	0.46%	127.21	0.53%	400.12	1.66%
Open Space	1,800.46	7.45%	1,328.37	5.50%	577.45	2.39%
Residential	1,189.67	4.93%	3,152.55	13.05%	3,633.90	15.05%
Transportation, Communication, and Utilities	127.72	0.53%	600.57	2.49%	2,346.55	9.72%
Overall Impervious Cover	7,608.92	31.51%	6,815.65	28.22%	9,481.58	39.26%

Land Use	Lower Des Plaines River					
	0-9% Impervious Cover		10-29% Impervious Cover		30-100% Impervious Cover	
	Acres	% Area	Acres	% Area	Acres	% Area
Agricultural Land	164.52	1.13%	37.73	0.26%	60.00	0.41%
Commercial and Services	56.03	0.38%	99.52	0.68%	1,049.42	7.18%
Forest, Grassland, And Wetlands	1,207.91	8.27%	253.89	1.74%	317.44	2.17%
Industrial, Warehousing, And Wholesale	7.82	0.05%	21.67	0.15%	365.16	2.50%
Institutional	22.26	0.15%	25.94	0.18%	136.76	0.94%
Open Space	4,027.99	27.58%	430.25	2.95%	341.53	2.34%
Residential	1,171.31	8.02%	1,263.62	8.65%	1,512.64	10.36%
Transportation, Communication, and Utilities	93.38	0.64%	219.13	1.50%	1,099.41	7.53%
Overall Impervious Cover	6,751.23	46.22%	2,351.76	16.10%	4,882.36	33.42%

Land Use	Mill Creek					
	0-9% Impervious Cover		10-29% Impervious Cover		30-100% Impervious Cover	
	Acres	% Area	Acres	% Area	Acres	% Area
Agricultural Land	3,743.91	18.92%	166.68	0.84%	173.92	0.88%
Commercial and Services	40.06	0.20%	29.18	0.15%	359.18	1.82%
Forest, Grassland, And Wetlands	2,830.34	14.31%	387.91	1.96%	299.47	1.51%
Industrial, Warehousing, And Wholesale	16.21	0.08%	11.98	0.06%	120.79	0.61%
Institutional	52.07	0.26%	73.71	0.37%	335.09	1.69%
Open Space	2,203.93	11.14%	485.01	2.45%	416.00	2.10%
Residential	598.33	3.02%	1,099.91	5.56%	2,290.85	11.58%
Transportation, Communication, and Utilities	253.83	1.28%	271.16	1.37%	1,802.76	9.11%
Overall Impervious Cover	9,738.67	49.23%	2,525.54	12.77%	5,798.07	29.31%

Land Use	Newport Drainage Ditch					
	0-9% Impervious Cover		10-29% Impervious Cover		30-100% Impervious Cover	
	Acres	% Area	Acres	% Area	Acres	% Area
Agricultural Land	1,738.49	34.64%	107.23	2.14%	170.00	3.39%
Commercial and Services	1.82	0.04%	1.97	0.04%	4.24	0.08%
Forest, Grassland, And Wetlands	848.09	16.90%	89.92	1.79%	96.57	1.92%
Industrial, Warehousing, And Wholesale	1.64	0.03%	0.78	0.02%	10.89	0.22%
Institutional	0.58	0.01%	1.86	0.04%	0.33	0.01%
Open Space	41.45	0.83%	20.22	0.40%	12.54	0.25%
Residential	463.44	9.24%	243.74	4.86%	192.97	3.85%
Transportation, Communication, and Utilities	419.91	8.37%	136.95	2.73%	310.92	6.20%
Overall Impervious Cover	3,515.42	70.06%	602.68	12.01%	798.46	15.91%

Land Use	North Mill Creek/Dutch Gap Canal					
	0-9% Impervious Cover		10-29% Impervious Cover		30-100% Impervious Cover	
	Acres	% Area	Acres	% Area	Acres	% Area
Agricultural Land	10,179.09	43.26%	288.44	1.23%	233.56	0.99%
Commercial and Services	21.20	0.09%	5.99	0.03%	42.04	0.18%
Forest, Grassland, And Wetlands	2,376.36	10.10%	180.88	0.77%	183.75	0.78%
Industrial, Warehousing, And Wholesale	20.08	0.09%	1.22	0.01%	15.77	0.07%
Institutional	64.08	0.27%	15.61	0.07%	41.01	0.17%
Open Space	4,368.95	18.57%	218.95	0.93%	127.87	0.54%
Residential	1,063.51	4.52%	503.79	2.14%	875.97	3.72%
Transportation, Communication, and Utilities	211.05	0.90%	157.92	0.67%	763.68	3.25%
Overall Impervious Cover	18,304.31	77.78%	1,372.80	5.83%	2,283.66	9.70%

Land Use	Upper Des Plaines River					
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	0-9% Impervious Cover		10-29% Impervious Cover		30-100% Impervious Cover	
	Acres	% Area	Acres	% Area	Acres	% Area
Agricultural Land	3,584.68	11.01%	270.04	0.83%	273.06	0.84%
Commercial and Services	12.93	0.04%	24.30	0.07%	1,112.79	3.42%
Forest, Grassland, And Wetlands	4,601.96	14.14%	738.72	2.27%	682.04	2.10%
Industrial, Warehousing, And Wholesale	51.04	0.16%	38.39	0.12%	571.09	1.75%
Institutional	166.87	0.51%	175.88	0.54%	380.80	1.17%
Open Space	6,171.30	18.96%	768.50	2.36%	589.07	1.81%
Residential	1,788.86	5.50%	2,173.30	6.68%	2,514.41	7.73%
Transportation, Communication, and Utilities	696.04	2.14%	701.46	2.16%	2,867.48	8.81%
Overall Impervious Cover	17,073.69	52.46%	4,890.59	15.03%	8,990.76	27.62%